

Amendments to the Specification

Please amend the specification as follows:

Please replace the paragraph starting page 10 line 19 with:

As illustrated in Fig. 3, the gateway can be interconnected to a series of appliances 40 over a number of different networks 41,42,43. Fig. 5 ~~4~~ illustrates one form of hardwired interconnection with a series of appliances 27.

Please replace the paragraph starting page 13 line 26 with:

A local user can monitor and control devices and appliances in the user premises through a control terminal incorporating a display and an input mechanism and running a web browser. The control terminal can be implemented as a wall mounted display unit 45, a set top box and TV 46, or a PC ~~45~~ 47, which runs a web browser. The user accesses HTML pages on the gateway 22 which provide monitoring and control services for devices located within the user premises that are attached to the premises network.

Please replace the paragraph starting page 14 line 16 to read:

A digital security camera 28 is provided and, as shown in more detail in Fig. 5, incorporates an imaging device 50 for capturing an image from lens 56, preprocessing unit 51, memory store 52, compression unit 53, network interface 54 and CPU 55. The digital security camera is connected to the user premises network gateway through a physical or wireless network. The gateway 22 and the camera system 28 communicate through a common protocol. The imaging device 51 within the digital security camera continuously records image data, which is then read from the imaging device, through the pre-processing circuit 51, and written to memory store 52. A compressor 53 reads image data from memory and produces a compressed version of the image data. The CPU 55 may optionally analyze the raw image using motion detection and image significance algorithms programmed into the CPU. If the security system is armed, and a significant event is detected, an alert condition is generated and compressed images and other information are transmitted through the network interface 54. across the user premises network, to the gateway 22.